



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 10

**Complete if Known**

Application Number	10/729,431
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	2164
Examiner Name	Phuong-Thao Cao
Attorney Docket Number	03760.022/5139P

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PTC		US- 4,914,590	04-03-1990	Loatman et al.	704/8
PTC		US- 5,694,523	12-02-1997	Wical	706/45
PTC		US- 5,933,818	08-03-1999	Kasravi et al.	706/12
PTC		US- 20030167266-A1	09-04-2003	Saldanha et al.	707/6
PTC		US- 6,304,870	10-16-2001	Kushmerick et al.	707/4
PTC		US- 6,102,969	08-15-2000	Christianson et al.	717/146
PTC		US- 5,890,103	03-30-1999	Carus	704/9
PTC		US- 5,768,580	06-16-1998	Wical	707/102
PTC		US- 5,887,120	03-23-1999	Wical	706/46
PTC		US- 5,918,236	06-29-1999	Wical	715/500
PTC		US- 5,930,788	07-27-1999	Wical	707/5
PTC		US- 5,940,821	08-17-1999	Wical	707/3
PTC		US- 5,953,718	09-14-1999	Wical	707/5
PTC		US- 5,963,940	10-05-1999	Liddy et al.	707/5
PTC		US- 6,038,560	03-14-2000	Wical	707/5
PTC		US- 6,061,675	05-09-2000	Wical	706/45
PTC		US- 6,076,088	06-13-2000	Paik et al.	707/5
PTC		US- 6,199,034	03-06-2001	Wical	704/9
PTC		US- 6,263,335	07-17-2001	Paik et al.	707/5

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
PTC		WO-98/24016	06-04-1998	Devoino et al.	G06C	
PTC		WO-99/18527	04-15-1999	Batchilo et al.	G06F 17/50	
PTC		WO-00/14651	03-16-2000	Tsourikov et al.	G06F 17/28	
PTC		WO-00/46703	08-10-2000	Devoino et al.	G06F 17/50	

Examiner  
Signature/Phuong Thao Cao/ *Phuong Thao Cao*Date  
Considered

05/31/2006

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/729,431
		Filing Date	December 5, 2003
		First Named Inventor	Wakefield, Todd D.
		Art Unit	2164
		Examiner Name	Phuong-Thao Cao
Sheet 2 of 0	Attorney Docket Number	03760.022/5139P	

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		Number-Kind Code <sup>2</sup> (if known)			
PTC		US- 6,460,034	10-01-2002	Wical	707/5
PTC		US- 6,487,545	11-26-2002	Wical	706/45
PTC		US- 6,507,829	01-14-2003	Richards et al.	706/45
PTC		US- 6,513,006	01-28-2003	Howard et al.	704/257
PTC		US- 6,523,026	02-18-2003	Gillis	707/3
PTC		US- 6,553,385	04-22-2003	Johnson et al.	707/104.1
PTC		US- 6,567,805	05-20-2003	Johnson et al.	707/5
PTC		US- 6,571,235	05-27-2003	Marpe et al.	707/3
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PTC		US- 6,604,094	08-05-2003	Harris	706/48
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PTC		US- 6,618,725	09-09-2003	Fukuda et al.	707/6
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Examiner Signature	/Phuong Thao Cao/ <i>Phuong Thao Cao</i>	Date Considered	05/31/2006
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		Art Unit	2164
		Examiner Name	Phuong-Thao Cao
Sheet <u>3</u> of <u>10</u>	Attorney Docket Number	03760.022/5139P	

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PTC		US- 4,992,972	02-12-1991	Brooks et al.	715/708
PTC		US- 5,146,405	09-08-1992	Church	704/9
PTC		US- 5,614,899	03-25-1997	Tokuda et al.	341/51
PTC		US- 5,696,916	12-09-1997	Yamazaki et al.	715/853
PTC		US- 5,799,268	08-25-1998	Boguraev	704/9
PTC		US- 5,802,504	09-01-1998	Suda et al.	706/11
PTC		US- 5,844,798	12-01-1998	Uramoto	704/2
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PTC		US- 6,056,428	05-02-2000	Devoino et al.	703/2
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Examiner Signature	/Phuong Thao Cao/ <i>Phuong Thao Cao</i>	Date Considered	05/31/2006
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PTC		US- 4,868,750	09-19-1989	Kucera et al.	704/8
PTC		US- 4,887,212	12-12-1989	Zamora et al.	704/8
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PTC		US- 5,068,789	11-26-1991	van Vliembergen	704/9
PTC		US- 5,083,268	01-21-1992	Hemphill et al.	706/11
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PTC		US- 5,225,981	07-06-1993	Yokogawa	704/2
PTC		US- 5,243,520	09-07-1993	Jacobs et al.	704/9
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PTC		US- 5,438,512	08-01-1995	Mantha et al.	715/517
PTC		US- 5,559,693	09-24-1996	Anick et al.	704/9
PTC		US- 5,682,539	10-28-1997	Conrad et al.	704/9
PTC		US- 5,687,384	11-11-1997	Nagase	704/9

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PTC		US- 5,721,938	02-24-1998	Stuckey	704/4
PTC		US- 5,752,052	05-12-1998	Richardson et al.	704/9
PTC		US- 5,781,879	07-14-1998	Arnold et al.	704/9
PTC		US- 5,878,386	03-02-1999	Coughlin	704/10
PTC		US- 5,926,784	07-20-1999	Richardson et al.	704/9
PTC		US- 5,930,746	07-27-1999	Ting	704/9
PTC		US- 5,960,384	09-28-1999	Brash	704/9
PTC		US- 5,963,894	10-05-1999	Richardson et al.	704/9
PTC		US- 5,991,539	11-23-1999	Williams	717/143
PTC		US- 6,052,693	04-18-2000	Smith et al.	707/104.1
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PTC		US- 6,223,150	04-24-2001	Duan et al.	704/9
PTC		US- 6,243,669	06-05-2001	Horiguchi et al.	704/9
PTC		US- 6,446,081	09-03-2002	Preston	707/104.1
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PTC		US- 6,553,385	04-22-2003	Johnson et al.	707/104.1
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PTC		US- 6,609,087	08-19-2003	Miller et al.	703/22
		US-			
PTC		US- 5,060,155	10-22-1991	van Zuijlen	704/10
PTC		US- 5,095,432	03-10-1992	Reed	704/9
PTC		US- 5,146,406	09-08-1992	Jensen	704/9
PTC		US- 5,311,429	05-10-1994	Tominaga	704/9
PTC		US- 5,418,717	05-23-1995	Su et al.	704/9
PTC		US- 5,438,511	08-01-1995	Maxwell, III et al.	704/1
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PTC		US- 5,490,061	02-06-1996	Tolin et al.	704/2
PTC		US- 5,594,837	01-14-1997	Noyes	706/55
PTC		US- 5,727,222	03-10-1998	Maxwell, III et al.	704/9
PTC		US- 5,761,631	06-02-1998	Nasukawa	704/9
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PTC		US- 5,819,210	10-06-1998	Maxwell, III et al.	704/9
PTC		US- 5,841,900	11-24-1998	Rahgozar et al.	382/176
PTC		US- 5,878,406	03-02-1999	Noyes	706/55
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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/729,431
		Filing Date	December 5, 2003
		First Named Inventor	Wakefield, Todd D.
		Art Unit	2164
		Examiner Name	Phuong-Thao Cao
Sheet 7 of 10	Attorney Docket Number	03760.022/5139P	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PTC		US- 5,966,686	10-12-1999	Heidorn et al.	704/9
PTC		US- 5,983,169	11-09-1999	Kozma	704/2
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Phuong Thao Cao/ <i>Phuong Thao Cao</i>	Date Considered	05/31/2006
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Sheet	10	of	10	Attorney Docket Number	03760.022/5139P

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PTC		BEAN, "Corpus-Based Identification ...", 27th Annual Meeting of the Association of Computational Linguistics, June 20-26 1999, p. 373-380, University of Maryland, USA	
PTC		RILOFF, "An Empirical Approach to Conceptual Case Frame Acquisition", Proceedings of the Sixth Workshop on Very Large Corpora, 1998	
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PTC		RILOFF, "Automatically Constructing a Dictionary for Informa...", Proceedings of the Eleventh National Conference on Artificial Intelligence, 1993, MIT Press, pages 811-816	
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Examiner Signature	/Phuong Thao Cao/ <i>Phuong Thao Cao</i>	Date Considered	05/31/2006
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/729,431
Filing Date	December 5, 2003
First Named Inventor	WAKEFIELD, Todd D.
Art Unit	<del>2174</del> 2164
Examiner Name	<del>Unassigned</del> Phuong-Thao Cao
Attorney Docket Number	5139 P

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